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UNDERGRADUATES GARNERED 6 GOLD MEDALS AND THREE SPECIAL AWARDS AT I-ENVEX

By: ABDUL RAHMAN AHMAD

Universiti Malaysia Pahang (UMP) undergraduates won six gold medals, three silver medals and six bronze medals at the International Innovation and Engineering Exhibition (i-ENVEX) on April 19, 2013 at Arau, Perlis.

The exhibition was organised by Universiti Malaysia Perlis (UniMAP) together with the Ministry of Higher Education and Ministry of Science, Technology and Innovation.

One of the winning works was by Faculty of Computer Systems & Software Engineering (FSKKP) undergraduate Siti Hawa Apanidi titled, 'Smart Attendance Management System'.

Siti Hawa, who is physically disabled, won a gold medal for the work. She was also presented with the i-ENVEX Best Award (ICT Multimedia, Telecommunications, Electricity and Electronic). Her research was supervised by the faculty's lecturers, Rozlina Mohamed and Muhammad

Zulfahmi Toh Abdullah@Toh Chin Lain.

Mohd. Faiz A. Razak and Nurul Hidayah Muhammad@Ghazali from the Faculty of Chemical and Natural Resources Engineering (FKKSA) won a gold medal with their project, 'Ultrasonic Assisted Transesterification of WCO Catalysed by Cement Clinker Based Catalyst' and were supervised by the faculty's lecturer Dr. Jolius Gimbut.

They also received a special award - Sir Anthony J. Leggett Nobel Award - and cash prize of RM1,000. The research also included undergraduates Nur Syazwani Mohd. Noor, Said Nordin and Liyana Amer Shah as well.

Other gold medalists were FKKSA undergraduates Muhammad Noor Azreen Mohd Khairu and Noor Adilah Md Salehan with their work on 'Recycling of Monoethanolamine (MEA) Wastewater Using Bioadsorbents Treatment System (From Waste to Wealth)'. They also received a special award - INOVA Young Inventor Award, which was sponsored by the Croatia Inventors Association.



"The research involved treating chemical waste (monoethanolamine) by using natural waste absorbent such as chitosan, rice husks, banana skins and sugar cane pulps that were recycled through continuous absorption process," he said when met after the prize-giving ceremony.

He also acknowledged his lecturers' role in making the project a success and that they had helped a lot especially when making preparation during the evaluation process.

He added that the support and motivation rendered was greatly appreciated.

The research was supervised by lecturers Mohd. Najib Razali and Dr. Anwaruddin Hisyam. It also involved other undergraduates - Noor Adilah Md. Salehan, Noradlinnaini Mihatmad, Zulfahzi Zulkifli and Mohd. Ebran Razali.

Other recipients of gold medals were undergraduates from FKKSA - Nurul Asyikin Mohd Azam, Che Mohd Aizal Che Mohd and M. Shalini as well as Mohd Syaifulsyam and Hajar Athirah Mohd Sukri from Faculty of Industrial Science and Technology (FSTI).

Chancellor of UniMAP, His Highness Syed Faizuddin Putra Ibnu Tuanku Syed Sirajuddin Jamalullail presented the prizes and officially closed the ceremony.

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